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MS SERIES.

G.O. No. 3586 P.H

Dated 25th October 1948.

[Despatch Abstract.]

Maternity and child welfare- type-designs for maternity and child welfare centres with maternity wards and quarters for the staff- C.A. Nos. 368 to 371 of 1941 Approved.

GOVERNMENT OF MADRAS.

Education and Public Health Department.
(Public Health)

G.O. No. 3586, 25th October 1948.

Maternity and child welfare- Type-designs for maternity and child welfare centres with maternity wards and quarters for the staff- C.A. Nos 368 to 371 of 1947- Approved.

Read the following papers:-
From the Director of Public Health, dated 29th October 1947, R. No. 61038-2-M/47.
From the Director of Public Health, dated 12th June 1948, R. No. 61038-5-M/47.
From the Director of Public Health, dated 25th August 1948, R.No. 61038-6-M/47.

O R D E R:- NO. 3586, Public Health, dated 25th October, 1948.

The Government approve designs C.A, 369 of 1947 C.A.370 of 1947 and C.A. 371 of 1947 as type-designs for buildings to be used as maternity and child welfare centres, with maternity wards and quarters for the staff.

2. The designs together with the specifications are appended to this order.

(By order of His Excellency the Governor)

C.O. Coorey,
Joint Secretary to Government.

To the Director of Public Health;
" the Surgeon-General with the Government of Madras;
To all Special Officers of District Boards;
To all Executive Authorities of Municipalities (thro' Chairmen, Municipal Councils, concerned).
To all Collectors.
To the Chief Engineer, P.W.D. (Geeneral).

APPENDIX.

Maternity and Child Welfare Centres attached to municipalities.

A. Design with eight beds for maternity cases and quarters for one Woman Medical Officer and Two Midwives.

Drawing C.A. Nos 368 and 369 of 1947.

B. Design with four beds for maternity cases and quarters for four midwives.

Drawing C.A. Nos 370 and 371 of 1947.

Brief specification for the work.

Foundations:	The required depth and width of foundations shall be decided by the Engineer-in-Charge. The masonry in foundations shall be of second-class brick in lim mortar as per M.D.S.S. No. 31-A constructed over a concrete base, the nature of which shall also be decided by the Engineer-in Charge.
Basement:	The walls of basement 2'-0" high shall be of second-class brick in lime mortar as per M.D.S.S. No. 31-A according to the thickness shown on the drawing.

Filling in; — The basement shall be filled in with earth or sand and the filling in shall be well watered and rammed complying with M.D. S.S. No. 25.

Damp Proof Course: — A damp proof course with cement mortar 1:3, ½" thick shall be laid at a level just below the underside of the flooring concrete as per M.D.S.S. No. 38, Note (b). The sides of wall in contact with the flooring concrete shall also be plastered with cement mortar 1:3, ½" thick.

Superstructure: — The walls in superstructure throughout shall be of second-class brick in lime mortar as per M.D.S.S. No. 31-A according to the thicknesses shown on the drawing. Wherever the pressure upon masonry exceeds the limit admissible for masonry in second-class brick in lime mortar, the masonry in each place shall be constructed in cement mortar 1:3.

Lintels: — Lintels over all doors, windows and openings shall be of reinforced concrete with 0.8 per cent main tensile reinforcement as per M.D.S.S. No. 120.

Tee Beams.: — The beams supporting R.C. floor and roof slabs shall be of reinforced concrete tee beams with suitable tensile and shear reinforcement and the sides finished as per clause 15 of M.D.S.S.No.30 and white washed two coats.

(NOTE: To ensure a smooth finish to the sides of the beams the concrete shall be well spaded against the forms while laying and the sides finished as per clause 15 of M.D.S.S. No.30.)

Templates: — The rib of the tee beams over the bearing portion shall be suitably enlarged to the extent required to distribute the load on the wall within the safe allowable limit , as per Chief Engineer's Memorandum No. 1617 Wks /46-C-P. dated 12th March 1948.

Doors and Windows: — All doors and windows shallbe of well-seasoned teak wood free from all defects and according to the specified description and size constructed and fixed in position as per M.D.S.S. No.82.

Roofing: — The roof throughout shall be of reinforced concrete with 0.8 per cent main tensile reinforment top covered with two courses of flat tiles as per M.D.S.S. No.46.J and the ceiling finished as per cluase 15 of M.D.S.S. No.30 and white washed two coats.

Flooring: — The floor througout in first floor shall consist of reinforced concrete slabs with 0.8 per cent main tensile reinforement top finished with a layer of ¾" thick cement concrete 1:3 :6 using hard blue granite stone jelly of size ½" and below and the surface rubbed smooth and the ceiling finished as per clause 15 of M.D.S.S. No. 30 and white washed two coats.

The floor throughout in ground floor shall consist of a bed of concrete 1:3 :6 using hard blue granite stone jelly of size ½" and below and surface rubbed smooth

except the Labour Ward and Sterilizing rooms which shall have cement mosaic flooring over a bed of concrete 4" thick.

Finishing:

The interior and exterior faces of walls throughout shall be plastered with cement mortar 1:5, ½" thick and white or colour washed two coats similar to M.D.S.S. Nos. 61,69 and 70 except the walls of the bath and water closet which shall be plastered with cement mortar 1:3, ½" thick and surface finished very smooth.

Dado of distemper washing for 5'-0" height from floor with suitable border at top shall be provided to inner faces of walls of Labour Ward, Maternity Wards, and Sterilizing rooms.

All doors and windows shall be painted three coats of any approved paint as per M.D.S.S. No. 72.

Miscellaneous:

The following will be of some miscellaneous provision:-

1. R.C.Staircase.
2. R.C. Sunshades.
3. Asbestos cement sheet partition.
4. Teak wood wal cup-boards.
5. R.C.Canopy.
6. Cooking range.
7. R.C.Circular sweepers staircase.

(NOTE: The above designs are for brick masonry. In places where stone masonry is to be adopted wall thickness will have to be suitably altered keeping internal dimensions same.).

Cost;

(A) The cost of the building shown on drawing C.A. Nos 368 and 369 of 1947 will be Rs.1,00,000 on an average at present rates.

(B) The cost of the building shown on drawing C.A. Nos.370 and 371 of 1947 will be Rs. 77,000 on an average at present rates.

M.G.Desai, B.A., Dip. ARCH (LOND),FRIBA.FIIA,
Consulting Architect to
Government.

M A D R A S,
18th August 1948.

True Copy.

Superintendent,
Madras Record Office.